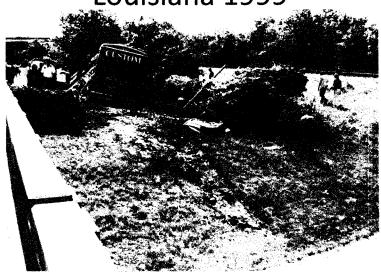
### SB 326 Impairment from Marijuana

EXHIBIT 3 DATE 3-30-09 SB 396

Driving a vehicle and/or working in a safety sensitive job is dangerous.

A momentary lapse of concentration can result in serious injury or death.

### Louisiana 1999



22 dead, 16 severely injured, 5 minor injuries
Driver was under the influence of marijuana (THC 8ng/ml)

A person under the influence of marijuana is impaired:

Drivers cause crashes

Employees cause workplace injuries, death, and property damage

It isn't just the user's life in danger

### Montana Drivers and Marijuana:

- 2006 Alcohol and/or drug related fatal crashes 43.8% of total<sup>1</sup>
- 2008 1311 DUI specimens analyzed by Montana crime lab<sup>2</sup>
  - Positive findings: 65% alcohol, 30% drugs, 35% poly drugs, 44% drugs & alcohol
  - In specimens positive for drugs: cannabis found in 43.9%
  - 169 specimens positive for cannabis
  - 107 specimens THC > 2 ng/ml
  - 85 specimens THC + alcohol
  - 33 specimens THC in a fatality

### SB 326 Impairment from Marijuana

### Scientific evidence of impairment from marijuana:

- Laboratory based [animal & human]
  - Physiologic [e.g, DSST, Critical tracking, Stop signal]
  - Cognitive [e.g., Wechsler, Tower of London]
- Simulated task [driving, machinery]
  - Cars on a test course [knock over the cones]
  - Computer based simulators
- Epidemiologic
  - Population crash/death/injury risk
  - Drug use in the population

### Drugs and Human Performance Fact Sheets<sup>3</sup>

- National Highway Traffic Safety Administration
- Panel of international experts
  - Psychopharmacology, behavioral psychology, drug chemistry, forensic toxicology, medicine, and law enforcement officers trained in the recognition of drug effects on drivers
- Identified the specific effects that both illicit and prescription drugs have on driving
- Developed guidance for others when dealing with drug-impaired driving problems
- Cannabis/marijuana fact sheet:
  - "Epidemiology data from road traffic arrests and fatalities indicate that after alcohol, marijuana is the most frequently detected psychoactive substance among driving populations."
  - "Decreased car handling performance, increased reaction times, impaired time and distance estimation, inability to maintain headway, lateral travel, subjective sleepiness, motor incoordination, and impaired sustained vigilance have all been reported."
  - "Mixing alcohol and marijuana may dramatically produce effects greater than either drug on its own."

### Pot Smoking Pilots<sup>4</sup>

- Simulator flights 0, 0.25, 4, 8, 24, 48 hr after smoking marijuana
- Significant effects at 24 hours, recovered at 48 hr

• "At 8 and 24 hours pilots reported no subjective experience of the drug's effect, even though objective measures of performance showed decrements."



Tif emaking marguans aboshit **makt** Bouse hore, Goes it make serse when you drive!

**Canadian Public Health Association** 

400-1565 Carling Avenue Ottawa, ON, K1Z 8R1 Tel: 1-613-725-3769 Fax: 1-613-725-9826

http://www.potanddriving.cpha.ca/ E-mail: potanddriving@cpha.ca

# **Some of the Many Endorsers of Medical MJ Access for Patients**

(Excludes all but one foreign and all legal international/national groups and all regional or state-level groups similar to those listed)

- The American Academy of HIV Medicine
- American College of Physicians
- Leukemia & Lymphoma Society
- The American Nurses Association
- The American Public Health Association
- The American Society of Addiction Medicine
- American Academy of Addiction Psychiatry
- Arthritis Research Campaign
- British Medical Association
- HIV Medicine Association of the Infectious Diseases Society of America
- The Lymphoma Foundation of America
- The National Association for Public Health Policy
- The National Nurses Society on Addictions
- The Episcopal Church
- The Presbyterian Church USA
- The United Church of Christ
- The United Methodist Church's Board of Church and Society
- The Union of Reform Judaism
- The Unitarian Universalist Association

PATIENTS & FAMILIES UNITED \* PO Box 1471 \* Helena 59624 \* www.mtpfu.org

## NEW APPLICATION FORM Registration for the Montana Medical Marijuana Program

Instructions: Please complete all information to comply with the registration requirements of the Montana Medical Marijuana Act. If applicant is a minor (under 18), the custodial parent or legal guardian with responsibility for health care decisions must be listed as the Primary Caregiver and the information requested on the back of this form must be completed. List your current Montana Drivers License number or your Montana State Identification Card number if applicable and your Social Security Number. Please type or print legibly.

### QUALIFYING PATIENT INFORMATION (REQUIRED)

NAME (LAST, FIRST, M.I.):				_MALEFEMALE
DATE OF BIRTH:	MT DRIVERS LICENSE OR MT STATE ID #		SSN	
MAILING ADDRESS:		COUNTY	PHONE #_	
CITY:	STATE	ZIP CODE	EMAIL ADDRESS	(OPTIONAL)
				(
	CAREG	GIVER (IF APPLICA	NDÎ EN	
NAME (LAST, FIRST, M.I.): _		•	·	MALE EEMALE
DATE OF BIRTH:				
MAILING ADDRESS:				
CITY:	STATE	ZIP CODE	EMAIL ADDRESS	(OPTIONAL)
The registration	NEW REGION Fee for a NEW application inclose your check or money or SIGNA	is \$50.00 and is non re	rfundable unless the applic PHHS /LICENSURE BUREAU	ant is denied.
QUALIFYING PATIENT SI	CNATURE:		DATE	
"QUALIFYING PATIENT" Me	ans a person who has been	diagnosed by a physic	ian as having a Debilitating	Medical Condition.
CADECIVED SIGNATURE			DATE	
CAREGIVER SIGNATURE As the CAREGIVER for the C	Qualifying Patient named abo			his Qualifying Patient.

#### **DECLARATION OF PERSON RESPONSIBLE FOR MINOR**

INSTRUCTIONS: Complete all information in order to comply with the registration requirements of the Montana Medical Marijuana Act. This portion is required in addition to the patient application portion if the qualifying patient is under 18 years of age.

<ul><li>3. I consent to the use of n</li><li>4. I agree to serve as mino</li></ul>	MINORS NAME g physician has explained to the r narijuana by the applicant for med r's designated primary caregiver; quisition of marijuana and the dos	lical purposes. AND	ential risk and benefits of the medic	al use of marijuana.
NAME (LAST, FIRST, M.I.):			MALE	FEMALE
	MT DRIVERS LICENSE	OR STATE ID#	SSN	
DATE OF BIRTH:	MT DRIVERS LICENSE (		SSNTELEPHONE NUMBER	

MAIL APPLICATION FORM TO: DPHHS / QUALITY ASSURANCE DIVISION LICENSURE BUREAU PO BOX 202953

HELENA MT 59620-2953

## ATTENDING PHYSICIAN'S STATEMENT-NEW APPLICATION Montana Medical Marijuana Program

Instructions: Please complete all sections of this form in order to comply with the registration requirements of the Montana Medical Marijuana Act. This does not constitute a prescription for marijuana.

### **PATIENT INFORMATION**

DATE OF BIRTH:	TELEPHONE NUMBER:	
•		
	STATE: ZIP CODE:	Marie Area de la companya del companya de la companya del companya de la companya
	PHYSICIAN'S INFORMATION INT LEGIBLY):	
	NSE NUMBER:	
	TELEPHONE NUMBER:STATE:ZIP CODE:	
O	STATE:ZIP CODE:	
	PHYSICIAN'S STATEMENT	
appropriate boxes:  [ ] 1. Cancer, Glaucom	usea including but not limited to seizures caused by epilepsy  Persistent muscle spasms, including but not limited to spasms caused by multiple sclerosis s Disease	
[ ] Other syl	ptoms caused by above conditions (specify):	
my professional opinion current medical condition	physician duly licensed to practice medicine in Montana under MCA Title 37, Chapter 3 nat after having completed a full assessment of the afore named patient's medical histomade in the course of a bona fide physician/patient relationship, that this patient has a tion as listed above. The potential benefits of medical marijuana will likely outweigh the	ory and